

United States Patent and Trademark Office

INITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address. COMMISSIONER FOR PATENTS Polymers, Viginia 22313-1450 www.uspita.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/828.839

04/21/2004

Nikolaos Koudas

ATT 2002-0457

CONFIRMATION NO. 5311

26652 AT&T CORP. P.O. BOX 4110 MIDDLETOWN, NJ 07748 **FORMALITIES LETTER** *OC000000013083174*

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

 Additional claim fees of \$258 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$1158 for a Large Entity

09/02/2004 DEMMANU1 00000041 200782

• \$770 Statutory basic filing fee.

• \$130 Late oath or declaration Surcharge.

- Total additional claim fee(s) for this application is \$258
 - \$258 for 3 independent claims over 3.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice <u>MUST</u> be returned with the reply.

mer

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

OTPE	PTO/SB/17 (10 Approved for use through 07/31/2006. OMB 0651- U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMME							
te SEP 0 1	J		Complete if Known					
Str Callie	FEE TRANS	MIIIAL	Application Number	10/828,839				
. CEIRE	for FY 2	2004	Filing Date	April 21, 2004				
	Effective 10/01/2003. Patent fees are subject to annual revision.		First Named Inventor	Koudas, et al.				
	Applicant Claims small entity	status See 37 CFR 1 27	Examiner Name					
	Applicant Claims small entity status. See 37 CFR 1.27		Group / Art Unit	2171				
,	TOTAL AMOUNT OF PAYMENT	(\$) 1158	Attorney Docket No.	ATT 2002-0457				

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)					
Check Credit Card Money Other None			ITIONAL	FEES				
Order	_	Large	Entity	Small	Entity			
Deposit Account		Fee Code	Fee	Fee Code	Fee (\$)	Fee D	escription	Fee Paid
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Number	762			2052	25	Surcharge - late por cover sheet.		
Deposit Account Moser, Patterson & Sheridan, LLP		1053	130	1053	130	Non-English spec		
Name		1812	2,520	1812	2,520	For filing a reque	ation	
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Charge any additional fee(s) or any underpayme		1805	1,840*	1805	1,840*	Requesting publication	cation of SIR a	πer
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to the above-identified deposit account		1252	420	2252	210	Extension for rep	ly within secon	d
FEE CALCULATION						month		
1. BASIC FILING FEE		1253	950	2253	475	Extension for reply within third month		<u> </u>
Large Entity Small Entity		1254	1,480	2254	740	Extension for rep month	iy within fourth	
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1001 770 2001 385 Utility filing fee	770	1401	330	2401	165	Notice of Appeal		
1002 340 2002 170 Design filing fee		1402	330	2402	165	Filing a brief in s		pear
1003 530 2003 265 Plant filing fee		1403	290	2403	145	Request for oral Petition to institut		
1004 770 2004 385 Reissue filing fee		1451	1,510	2451	1,510	proceeding	te a public use	
1005 160 2005 80 Provisional filling fee	e	1452	110	2452	55	Petition to revive	- unavoidable	
CURTOTAL (4)	(\$) 770	1453	1,330	2453	665	Petition to revive – unintentional		d
SUBTOTAL (1)	(\$) 770	1501	1,330	2501	665	Utility issue fee (
2. EXTRA CLAIM FEES		1502	480	2502	240	Design issue fee		
Extra Fee Claims belo		1503	640	2503	320	Plant issue fee		
Total Claims 20 -20 ** = 0 X 18		1460	130	1460	130	Petitions to the C		47.6
Independent		1807	50	1807	50	Processing fee u Submission of In		`" ——
Claims 6 -3 ** = 3 X 86	= 258	1806	180	1806	180	Stmt		
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	ims in excess of 3 ent claim, if not paid	1801	770	2801	385	Request for Continu	ed Examination	(RCE)
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1204 86 2204 43 original patent	is in excess of 20 and	1802 900 1802 900 Request for expedited examination of a design application					'	
1205 18 2205 9 Reissde Clairle over original pat		Other fee (specify)						
SUBTOTAL (2) (\$) 258					. Fe- S	-:- 61157	OTAL (%)	
**or number previously paid, if greater; For Reissues, see above			*Reduced by Basic Filing Fee Pald SUBTOTAL (3) (\$) 130					(\$) 130
SUBMITTED BY Complete (if applicable)						able)		
305mil 1 20 5								
Name (Print/Type) Kin-Wah Tong, Esq. Registration No. Attorn. Signature			Date August 30, 2004					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Approved for use through 7/31/2006. OMB 0651-0031

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			Application Number	10/828,83	9			
	SMITTAL		Filing Date	April 21, 2004				
FORM (to be used for all correspondence after initial filing)			First Named Inventor	Koudas, e	t al.			
			Group Art Unit	2171				
			Examiner Name					
Total Number of Pages	in This Submission	18	Attorney Docket Number	ATT 2002	-0457			
		ENCL	OSURES (check all that apply)					
			g(s)	After Allowance Communication to Group				
		Licens	ing-related Papers	Appeal Communication to Board of Appeals and Interferences				
Amendment / Res	ponse	Petition	n	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After Final		Petition to Convert to a Provisional Application		Proprietary Information				
Affidavits/decl	aration(s)		of Attorney, Revocation le of Correspondence Address	Status Letter				
Extension of Time Request			nal Disclaimer	Other Enclosure(s) (please identify below):				
Express Abandonment Request			st for Refund	Atto	pages of Declaration/Power of orney, Return Receipt Postcard			
☐ Information Disclo		CD, N	umber of CD(s)	and Par	Copy of Notice to File Missing ts.			
Certified Copy of Priority Document(s)			arks					
Response to Missing Parts/ Incomplete Application								
Response to Missing Parts under 37 CFR 1.52 or 1.53								
	SIGNA	TURE OF	APPLICANT, ATTORNEY, O	R AGENT				
Firm	Firm Kin-Wah Tong, Esq.							
or Individual name Moser, Patterson & Sheridan, LLP								
Signature 2121								
Date August 30, 2004								
	(ERTIFICA	TE OF TRANSMISSION/MAI	LING				
I hereby certify that the Service as first class the date shown below	mail in an envelope	is being fac addressed t	simile transmitted to the USPTO o: Commissioner for Patents, P.C	or deposited D. Box 1450,	with the United States Postal Alexandria, VA 22313-1450 on			
Typed or printed name Barbara J. Jackson								
Signature	130		Cocker 1	Date	August 30, 2004			

This collection of information is required by 37 CFR (5) he information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Koudas, et al.

Serial No.: 10/828,839

Confirmation No.: 5311

Filed:

April 21, 2004

For:

METHOD AND APPARATUS FOR OPTIMIZING QUERIES UNDER PARAMETRIC

AGGREGATION CONSTRAINTS

MAIL STOP MISSING PARTS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 ω

Group Art Unit: 2171

Examiner:

CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on August 30, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents. P.O. Box 1450 Alexandria, VA 22313-1450.

8-30-2004

Date

Signature (

Dear Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS

Applicant files this Response to a Notice to File Missing Parts (Form PTO-1533), within the two-month period set to expire on August 28, 2004. The notice (copy enclosed) indicates that the application was filed without statutory basic filing fee and the Oath or Declaration.

Enclosed for filing in the above-referenced application is an authorization for payment of the required fees and Declaration and Power of Attorney in response to the missing parts request.

The Commissioner is hereby authorized to charge a total of \$1158 as payment of the statutory basic filing fee and surcharge associated with this Communication and

Response, or credit any overpayment, to Deposit Account No. 20-0782/ATT2002-0457.

Respectfully submitted,

Kin-Wah Tong, Esq. Registration No. 39,400

MOSER, PATTERSON & SHERIDAN, L.L.P.

595 Shrewsbury Ave. Suite 100

Shrewsbury, NJ 07702

Telephone: (732) 530-9404 Facsimile: (732) 530-9808

Agent for Applicant(s)

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